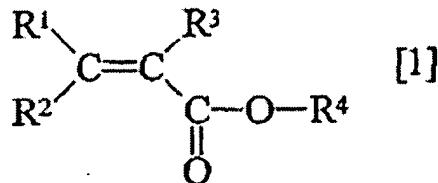


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

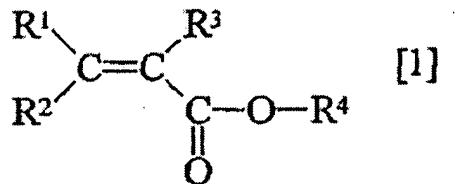
1. (currently amended): A compound represented by a formula [1]:



wherein R¹ and R² respectively represent a heavy or light hydrogen atom, R³ represents a heavy or light hydrogen atom or a methyl group in which three hydrogen atoms are respectively heavy or light hydrogen atoms, R⁴ represents a condensed ring group composed of a norbornane ring and a C₅₋₇ hydrocarbon ring provided that at least one hydrogen atom contained in the condensed ring group is a heavy hydrogen atom and that a binding site of R⁴ is at a 2- or 3-position of said norbornane ring; produced according to the method of claim 12.

Claim 2-11 (canceled).

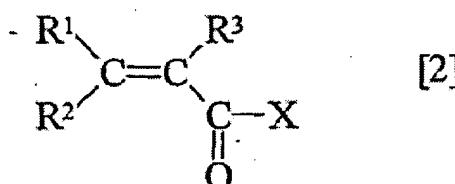
12. (previously presented): A process for producing a compound represented by a formula [1]:



wherein R¹ and R² respectively represent a heavy or light hydrogen atom, R³ represents a heavy or light hydrogen atom or a methyl group in which three hydrogen atoms are respectively heavy or light hydrogen atoms, R⁴ represents a condensed ring group composed of a norbornane ring and a C₅₋₇ hydrocarbon ring provided that at least one hydrogen atom contained in the condensed ring group is a heavy hydrogen atom;
comprising:

preparing a deuterated alcohol having a condensed ring group composed of a norbornane ring and a C₅₋₇ hydrocarbon ring, in which at least one hydrogen atom of the condensed ring is a heavy hydrogen atom, by reacting an alcohol having a condensed ring group composed of a norbornane ring and a C₅₋₇ hydrocarbon ring with heavy water in the presence of palladium catalyst under an atmosphere of light hydrogen gas; and

reacting said deuterated alcohol with a compound represented by formula [2]:



wherein R¹ and R² respectively represent a heavy or light hydrogen atom, R³ represents a heavy or light hydrogen atom or a methyl group in which three hydrogen atoms are respectively heavy or light hydrogen atoms, and X represents a halogen atom, a hydroxyl group or an alkoxy group.

Claims 13-17 (canceled).